



Rocky Enterprise Linux 9.2 Manual Pages on command 'passwd.1ssl'

C:\>man passwd.1ssl

PASSWD(1SSL) OpenSSL PASSWD(1SSL)

NAME

openssl-passwd, passwd - compute password hashes

SYNOPSIS

```
openssl passwd [-help] [-crypt] [-1] [-apr1] [-aixmd5] [-5] [-6] [-salt string]
[-in file] [-stdin] [-noverify] [-quiet] [-table] [-rand file...] [-writerand
file] {password}
```

DESCRIPTION

The passwd command computes the hash of a password typed at run-time or the hash of each password in a list. The password list is taken from the named file for option -in file, from stdin for option -stdin, or from the command line, or from the terminal otherwise. The Unix standard algorithm crypt and the MD5-based BSD password algorithm 1, its Apache variant apr1, and its AIX variant are available.

OPTIONS

-help

Print out a usage message.

-crypt

Use the crypt algorithm (default).

-1 Use the MD5 based BSD password algorithm 1.

-apr1

Use the apr1 algorithm (Apache variant of the BSD algorithm).

-aixmd5

Use the AIX MD5 algorithm (AIX variant of the BSD algorithm).

-5

-6 Use the SHA256 / SHA512 based algorithms defined by Ulrich Drepper. See

<<https://www.akkadia.org/drepper/SHA-crypt.txt>>.

-salt string

Use the specified salt. When reading a password from the terminal, this implies -noverify.

-in file

Read passwords from file.

-stdin

Read passwords from stdin.

-noverify

Don't verify when reading a password from the terminal.

-quiet

Don't output warnings when passwords given at the command line are truncated.

-table

In the output list, prepend the cleartext password and a TAB character to each password hash.

-rand file...

A file or files containing random data used to seed the random number generator. Multiple files can be specified separated by an OS-dependent character. The separator is ; for MS-Windows, , for OpenVMS, and : for all others.

[-writerand file]

Writes random data to the specified file upon exit. This can be used with a subsequent -rand flag.

EXAMPLES

```
% openssl passwd -crypt -salt xx password
```

```
xxj31ZMTZzkVA
```

```
% openssl passwd -1 -salt xxxxxxxx password
```

```
$1$xxxxxxx$UYCIXa628.9qXjpQCjM4a.
```

```
% openssl passwd -apr1 -salt xxxxxxxx password
```

```
$apr1$xxxxxxx$dxHfLAsjHkDRmG83UXe8K0
```

```
% openssl passwd -aixmd5 -salt xxxxxxxx password
```

```
xxxxxxx$8Oaipk/GPKhC64w/YVeFD/
```

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